



PPS31 Wellhead Pressure Logger









The PPS31 logger is a wellhead digital pressure and temperature monitoring instrument.

The application of radio transmission allows operators to receive real-time data which is stored in its memory chip.

Pressure and temperature can also be directly read from the LCD (liquid crystal display).

The intrinsically safe design permits the logger to be used in critical environments.

APPLICATIONS:

-  Gas Well Wellhead Build-up
-  Stimulation Monitoring
-  Pipeline monitoring
-  Frac Monitoring
-  Wellhead Monitoring
-  Injection Pressure Monitoring
-  Perforation Monitoring
-  Workover Monitoring

SPECIFICATIONS

Sensor Type	Silicon-Sapphire
Pressure Ranges	Up to - 15,000 psi
Pressure Accuracy	±0.03% (full scale)
Pressure Resolution	0.0003%
Pressure Drift	<3 psi / year
Temperature Rating	-40°C (-40°F) to 80°C (176°F)
Temperature Accuracy	±0.5°C
Temperature Resolution	0.01°C
Power Source	2 D lithium cells, up to one year usage
Data Set Contents	Time / pressure / temperature
Memory Capacity	1,000,000 data sets
Display Mode	liquid crystal
Data Receiving Mode	Wireless (915MHz, ISM)
Wireless Transmission Distance	328 ' (100m)
Transmission Power	+ 10 dbm
Outside Diameter of Indicator Dial	4.625" (117.48 mm)
Overall Length	10" (254 mm)
Work Mode	MRO / SRO
Service	H ₂ S service
Sample Rate	1 seconds to 18 hours per sample
Connection	1/2" NPT/Autoclave
Safety Rating	C.S.A. / Class I, Division 1, CE Marking



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